

INTERNATIONAL SEARCH REPORT

International Publication No.
PCT/EP/06101

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 13988 A (LADLOW MARK ;GLAXO GROUP LTD (GB); MITCHELL ADRIAN WALTER (GB)) 25 March 1999 (1999-03-25) abstract page 3, line 7 - line 22 page 4, line 20 -page 5, line 3; figures 4,5	1-5
A	US 3 949 806 A (DUNGES WOLFGANG) 13 April 1976 (1976-04-13) column 1, line 15 - line 50; figure	
A	GB 2 364 258 A (SIMCOCK STUART JOHN) 23 January 2002 (2002-01-23) page 4, line 19 -page 5, line 2 page 8, line 1 - line 19 page 9, line 18 -page 10, line 8; figures 1,3	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/06101

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 238 627 B1 (MCGOWAN DAVID CRAIG ET AL) 29 May 2001 (2001-05-29) abstract; figures ---	
P, X	EP 1 256 378 A (BAYER AG) 13 November 2002 (2002-11-13) abstract paragraph '0035! paragraph '0046! paragraph '0143!; figure 6F -----	1-5

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Information on patent family members

International Application No.

PCT/EP/06101

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9913988	A	25-03-1999	AT 244605 T	15-07-2003
			AU 1225599 A	05-04-1999
			DE 69816311 D1	14-08-2003
			WO 9913988 A1	25-03-1999
			EP 1015115 A1	05-07-2000
			GB 2345007 A ,B	28-06-2000
			JP 2001516641 T	02-10-2001
US 3949806	A	13-04-1976	NONE	
GB 2364258	A	23-01-2002	NONE	
US 6238627	B1	29-05-2001	NONE	
EP 1256378	A	13-11-2002	DE 10122491 A1	14-11-2002
			CA 2385280 A1	10-11-2002
			EP 1256378 A2	13-11-2002
			JP 2003075451 A	12-03-2003
			US 2002172629 A1	21-11-2002